FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: December 31, 1991 Date Submitted: December 20, 1991 Project: METRO, Self Monitor, PO# 7238

RESULTS OF ANALYSES OF THE WATER SAMPLES FOR SELECTED METALS BY ICP (6010) Results Reported as mg/L (ppm)

| Sample # | <u>Cr</u> | <u>Cu</u> | <u>Ni</u> | Zn |
|---|---------------|-----------|-----------|-------|
| M22842 | 0.42 | 0.12 | 0.28 | <0.02 |
| | | | | |
| Ouality Assurance | | | | |
| Method Blank | <0.02 | <0.02 | <0.02 | <0.02 |
| M22842 (Duplicate) | 0.41 | 0.12 | 0.26 | <0.02 |
| M22842 (Matrix Spike) Percent Recovery | 86% | 89% | 86% | 92% |
| M22842 (Matrix Spike Dupli Percent Recovery | .cate) 88% | 91% | 87% | 94% |
| Spike Blank Percent Recovery | 908 | 94% | 89% | 93% |
| Spike Level | 5 X |) | 10 | 5 |

FRIEDMAN & BRUYA, INC. 3008-B 16th Avenue West Seattle, WA 98119

SAMPLE CHAIN OF CUSTODY

| Company ALASI | CAN COPPER | Works | Contact | GREGI | Steel | | |
|--|----------------------|-------------------|--------------|--------------------------------------|-----------------------|-------|--|
| ddress Y.O. Box | 2546 | | | | | | |
| City, State, Zip 5 5 5 7 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | e, wa. 9812 | 4 | Date | | | | |
| _ | | | | | | | |
| SITE NO. | O. PROJECT NAME | | | PURCHASE ORDER # | | | |
| 7238 | METRO SELF | · monito | 2 | | | | |
| | SAMPLERS (signature) | | | PROJECT LOCATION | | | |
| Crecopes A. | recorn A. Smar | | | 3200 GHE AVE. SOLITH | | | |
| REMARKS | | | | 1 | E DISPOSAL INFORM | | |
| | | | | Dispose after 30 days Return Samples | | | |
| • | | | | Call for Instructions | | | |
| SAMPLE # | Date/Time Sampled | Type of Sample | # of Jars | Lab Sample # | Analyses Requested | | |
| M22842 | 12/18/01 | WATER | | 26097 | CB CU, Ni | , 2,1 | |
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| | | | | | | | |
| SIGNATURE | PRINT NAME | | СОМРА | ANV | Date: | | |
| Relinquished by: | | | A | 411 | Date | Time | |
| 1 Messon | - CIREC C | PEEP- | ALDERO. | J Corner | Works 12/20 | (9) | |
| Received by: | | 37 R. | | 1 / | / | | |
| Relinquished by: | | | | | 12/20/ | (0) | |
| | | | | | | | |
| Received by: | | | | | | | |
| | | | | | | | |

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

December 31, 1991

Gregory Speer, Project Leader Alaskan Copper 628 South Hanford Seattle, WA 98134

Dear Mr. Speer:

Enclosed are the results of the analyses of the samples submitted on December 20, 1991 from Project METRO, Self Monitor, PO# 7238.

We appreciate this opportunity to be of service to you on this project. If you have any questions regarding this material, or if you just want to discuss any aspect of your projects, please do not hesitate to contact me.

Sincerely,

Mark Z Perin, Chemist

MZP/jeb

Enclosures